

2603
10/13

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

David COLEY

Art Unit: 3723

Application No: 09/831,488

Examiner:
Lee D. Wilson

Filed: July 23, 2001

For: ACTUATOR APPARATUS

REPLY TO THE OFFICE ACTION MAILED 10/03/2002Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Further examination and consideration of this application are requested in view of the following Amendments and Remarks.

AMENDMENTSIn the Claims:

Claims 1-3 and 27-48, cancel.

Add new claims as follows:

49. (New) An actuator apparatus comprising:

a housing member having walls formed with ports for a pressurized fluid,

a first means housed in the housing member, the first means being a piston means displaceable in the housing member,

a second means housed in the housing member, the second means being a valve means comprising at least one valve arrangement, the or each valve arrangement being transiently coupled to the piston means and the ports of the housing member, the or each valve arrangement including partitions,

wherein at least one of the first and second means is removable or replaceable from the housing member to provide alternative combinations for the actuator apparatus,

the or each valve arrangement being operable to supply the pressurized fluid to the piston means whereby the piston means creates driving forces,